



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF ELECTRONIC SUB-
ASSEMBLY WITH REGARD TO REGULATION NO. 10.05



Approval No: 10R-058805

Extension No: 05

1. Make (trade name of manufacturer): Alfatronix Limited
2. Type and general commercial description(s): PV USB products – see manufacturer documentation for full list of models.
3. Means of identification of type, if marked on the component: Label
 - 3.1. Location of that marking: On rear face
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:

Alfatronix Limited
29 Newtown Business Park
Poole
Dorset
BH12 3LL
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the approval mark: See items 3 and 3.1

Reason(s) for Extension:

1. Reason for extension E marking of product

Extension 4 of the E marking certificate was to include the current list of USB charger products at that time (2021).

Current market demands and the long lead time availability of some semi-conductor components have made it necessary to review the current product range and where necessary make changes to the type of output connector and their control circuitry. By simplifying the circuit some functionality may be reduced but then the product can still be manufactured.

Further testing has been done ensure continued compliance to the Regulation.

1. Make (trade name of manufacturer):

Alfatronix Ltd

2. Type:

Existing Product list:

Basic product name

- 1) Longer length version

2) PVUSB-1-S PVUSB-1-D

3) PVUSB-2 PVUSB-2-Q
 PVPRO-UT

- 4) Cable version

PVUSB3-S PVUSB3-D

- 5) Short length versions

PVPro-S PVPro-D

PVPro-L PVProQ-S

PVPWP-S PVPWP-D

PVPWP-Q

- 6) Automotive and Rail approved versions

PV65R-S PV65R-D

- 7) Assemblies

USB POD USB TPOD

USB WPOD -Ff (front fit)

(Used when a USB charger is fitted into a polycarbonate mounting housing)

- 8) Coloured LEDs

The standard LED colour is blue. Variants can include Red (R), Green (G), White (W) or even no LED (-X) etc

- 9) Branded Rings

The front decorative ring is grey.

Customised/ branded rings can be supplied.

Identified a four figure part number as a suffix to the product name.



10) Wired versions

If required the input blade connectors can be removed and replaced with length of Thinwalled Automotive approved wire which may then use a customised connector.

For this Regulation Extension the following products have been added.

Products with just an A port.

11)	PVPro-A	USBA30S	same as PVPro-S but with no A port output controller chip
12)	PVPro-AA	USBA30D	same as PVPro-D but with no A port output controller chips
13)	PVPWP-A	USBA65S	same as PVPWP-S but with no A port output controller chip
14)	PVPWP-AA	USBA65D	same as PVPWP-D but with no A port output controller chips
15)	PV65R-A	USBR65S	same as PV65R-S but with no A port output controller chip
16)	PV65R-AA	USBR65D	same as PV65R-D but with no A port output controller chips
17)	PVUSB2-A		same as PVUSB2 but with no A port output controller chip

Products with an A and a C port.

18)	PVPro-AC		same as PVPro-AA but with an A and C port
19)	PVPWP-AC		same as PVPWP-AA but with an A port and a C port
20)	PV65R-AC		same as PV65R-AA but with an A port and a C port

Products with just a C port

21)	PVPro-C	USBC30	same as PVPro-A but with a C port
22)	PVPWP-C	USBC65	same as PVPWP-A but with a C port
23)	PV65R-C	USBR65C	same as PV65R-A but with a C port

Products with "R" have additional input protection transient diodes for the rail market.

The overall dimensions of the casings of these products are the same as before (the pcbs are therefore the same size). As before, Front Fit (-Ff) options are available.

3. Means of identification of type, if marked on the component/separate technical unit:¹

3.1. Location of that marking:

On rear face

4. Name and address of manufacturer:

**Alfatronix Ltd
29 Newtown Business Park
Poole
Dorset
England
BH12 3LL**

Name and address of authorized representative, if any:

C Black at Alfatronix Ltd

